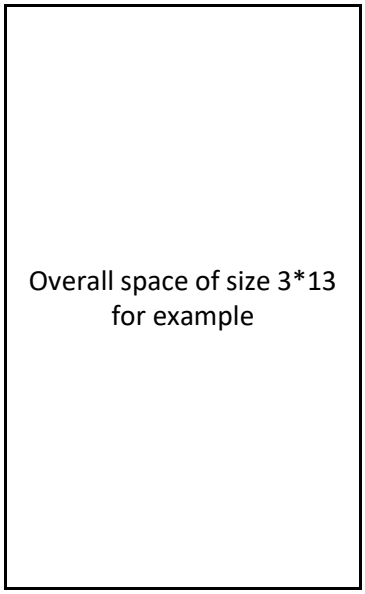
Sample Problem Scenario:

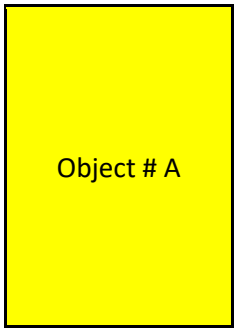
Imagine that the problem instance is specified as:

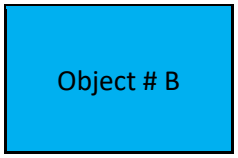
- ➔ K = 3, Q = 13
- ➔ N = 5
- ➔ Widths and Heights of the 5 objects are as follows:
  (2,7), (1,3), (1,7), (3,3), (2,3)

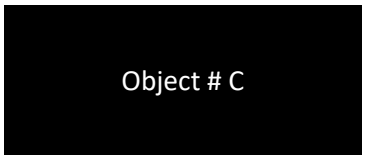
Then I can visualize the overall rectangular space provided as follows:



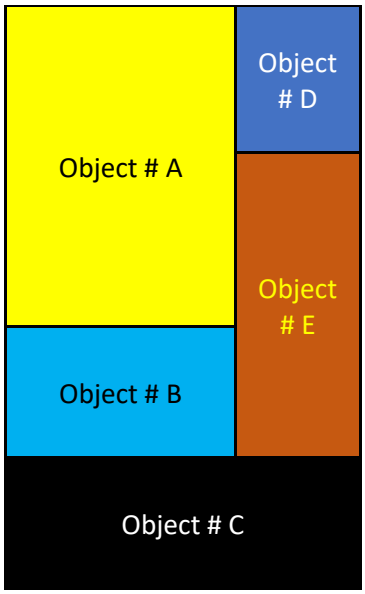
Individual objects to be placed can be visualized as follows:







One possible solution is as follows:



Obviously, many more solutions are possible. It is enough to find one feasible solution